

RELIABLE MULTICAST

Abstract of the Disclosure

5 A reliable multicast service is operated between a source device and
multiple destination devices participating in a multicast group. The source
device includes a first source application instance (AI) producing a first unit of
work stream, and communication services (CS). Each destination device in the
multicast group includes CS, and at least one destination AI which consumes
10 units of work. Communication services/fabric provide communication between
the source device and the multiple destination devices. Multiple source and
destination resources (SDRs) implement corresponding multiple reliable
transport services between the source device and corresponding multiple
destination devices in the multicast group for delivery of the first unit of work
15 stream to the corresponding destination devices and guaranteeing strong ordering
of the first unit of work stream received at the corresponding destination devices.

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